COMP219

COMP219 Feedback Assignment 1

Student Name: Ulhaque, Jahan
Student ID: 201272455
Student Login:
Grade: 100

Step 1: Loading Data 10%	*10*
You have successfully loaded the dataset from a csv file and printed some information for describing your dataset. *You print the following in your output by using the shape of your dataset:* 　　*Amount of classes per entity: 5* 　　*Test sample size and classes: (275, 4)* *By 'classes' you mean the number of columns of your dataset (ie number of attributes+1). In classification tasks, by 'classes' we usually mean the number of different labels we can assign to our data.*	
Step 2: Training 30%	*30*
2.1: You have successfully fitted a decision tree to the training data. (10/10%) *2.2: Your model is successfully trained and you also provide a validation by storing the predicted values in y_pred. (20/20%)*	
Step 3: Model Evaluation 40%	*40*
3.1: Explanation of the evaluation experiments provided in your report (20/20%) *3.2: You have provided at least two evaluation methods for each model. (20/20%)*	
Extra 20%	*20*

You have successfully trained and evaluated a kNN. You have also provided a discussion of the comparison of the two models in your report. (20/20)	

General Comments:
You have successfully trained and evaluated a decision tree and a kNN (for the optimal value of k). *In your report you provide a good explanation of your models' evaluation and a discussion about the comparison of your models' performance.* *Overall, you have done a very good job.* *Note: In order to compile your code I had to replace 'from sklearn.cross_validation import cross_val_score' with 'from sklearn.model_selection import cross_val_score'.*